

2023



SFDX Logs

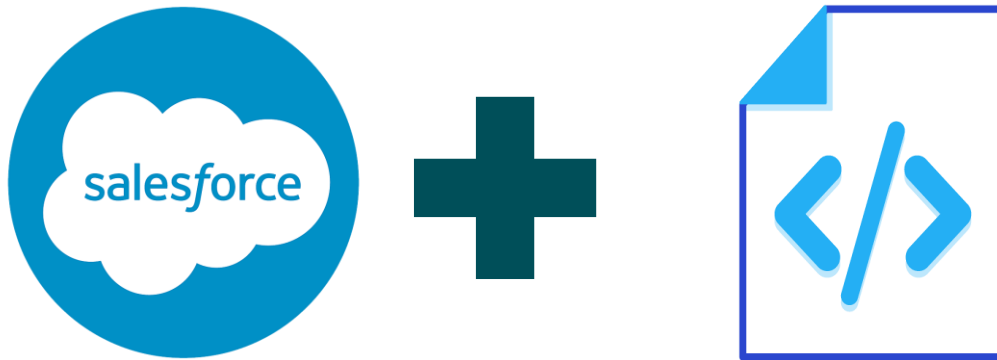
Salesforce accelerator to enable user log.





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SFDX Logs



INTRODUCTION

What is SFDX Logs?

It is an application that can greatly simplify Salesforce log management.

When it comes to troubleshooting or diagnosing errors in Salesforce, logs are a fundamental resource. However, log management can become messy, especially when dealing with many logs to activate.

Thanks to this application you have the possibility to enable logs to multiple user thanks to just one click.

It's meant for activate more than one user log more quickly e simply, setting the period for which the logs will remain enabled and choosing the debug level from the existing in the orgs. If you forget to copy the ids to activate, thanks to a simple button you can view all the active user with their id.



Requirements

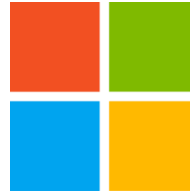
To use this application there are some requirements:

- Python 3.x [[Download](#)]
- Salesforce org [[Log in](#)]
- Salesforce connected app [[Doc](#)]





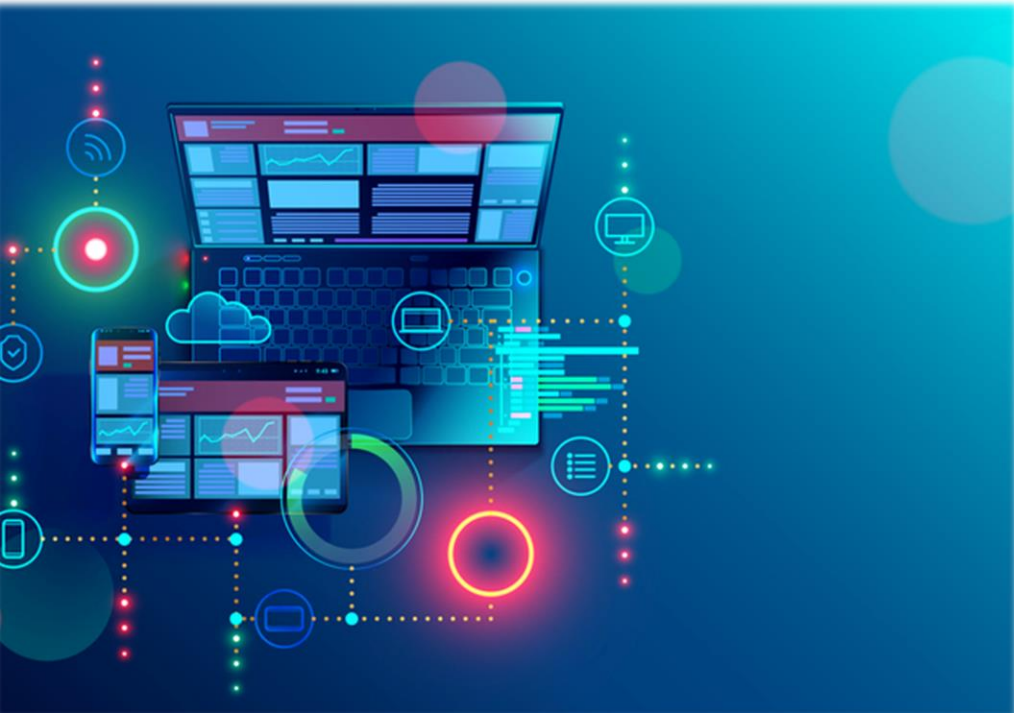
How to install | Windows users



This is an open-source project available on GitHub at this [link](#).
To install it you need to download the zip file here: [SFDX Logs](#)

Create a desktop shortcut

- Extract "SFDX-Logs-master" in a specific folder, for example: "Documents".
- Navigate to this path: "C:\Users\{username}\Documents\SFDX-Logs-master\dist"
- Right click on "SFDX Logs.exe" then select: "Send to > Desktop (create shortcut)"



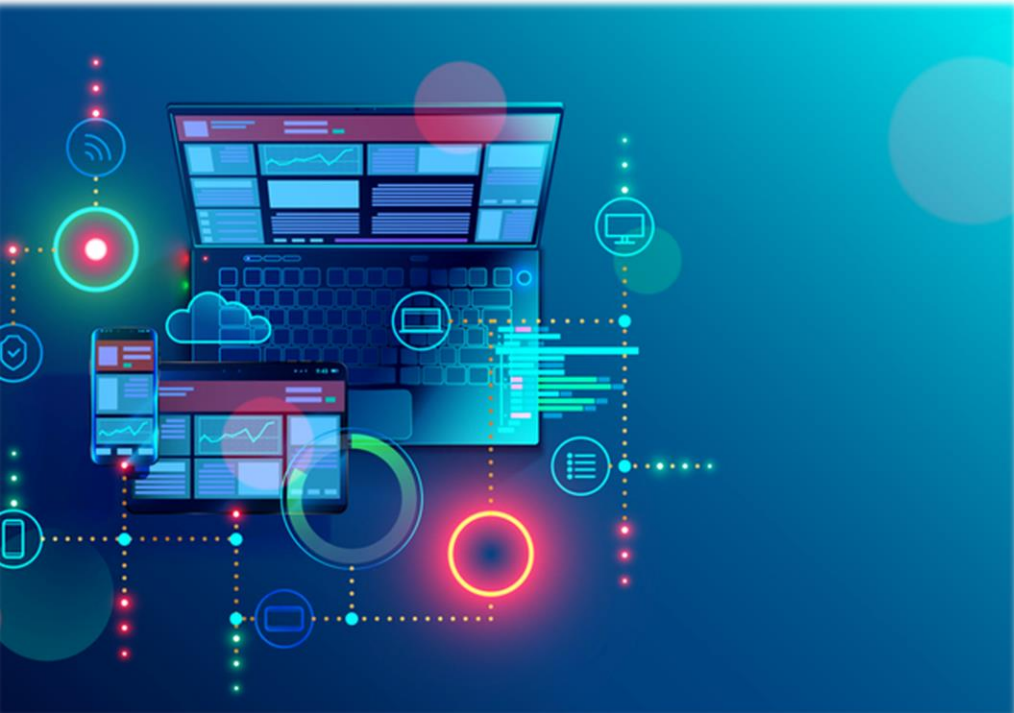


How to install | macOS, Linux and other OS users



This is an open-source project available on GitHub at this [link](#).

To install it you need to download the zip file here: [SFDX Logs](#)



Install requirements

- Clone the repository:
`"git clone https://github.com/kinnik7/SFDX-Logs.git"`
- Navigate to the project directory:
`"cd SFDX-Logs"`
- Install the requirements:
`"pip install -r requirements.txt"`
- Run this command from terminal:
`"pyinstaller --noconsole --onefile --icon='.\static\salesforce_icon.ico' '.\src\SFDX_Logs.py'"`
- A new file will appear in "`\dist\`" folder



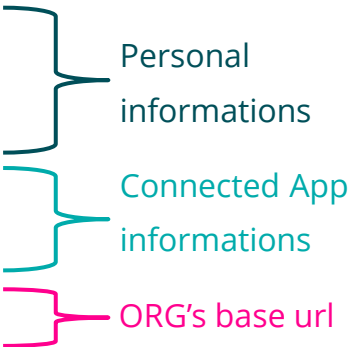
Configuration

Before using the application, you must configure the "SFDX-Logs-master\static\cred.json" file with all the required fields properly filled.

```
{
  "Environment": {
    "username": "username1@salesforce1.env",
    "password": "user_password",
    "token": "user_token",

    "clientId": "connected_app_client_id",
    "secret_key": "connected_app_secret_key",

    "base_url": "https://orgbaseurl--env"
  }
}
```

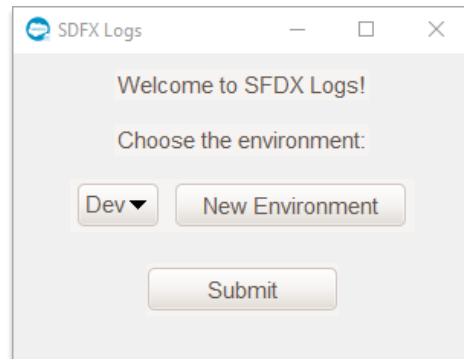


- Personal informations
- Connected App informations
- ORG's base url



How to use

Once configuration is completed, you can run the application with this result:



In this window you can:

- Select a pre-configured environment ([Z](#))
- Create a new environment ([9](#))
- Submit the request and choose to continue with the selected environment



How to use

If you want to add a new environment, by clicking on **New Environment** button (8):

(*) = Required field

(*) Environment:

(*) Username:

(*) Password:

(*) Token:

(*) Client ID:

(*) Secret Key:

(*) Base URL:

Save

In this window you must insert all the information in the appropriate fields.

Like the config file (7), the information required are:

- Environment
- Username
- Password
- Token
- Client ID
- Secret Key
- Base URL

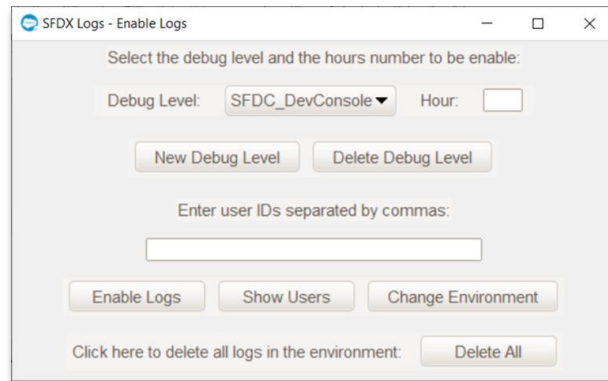
Once all the fields are filled correctly, click on **Save** button to commit the changes.

(*) Inserting the Environment name of an existing configuration you'll update it.



How to use

After have chosen the environment, you will access to the main window:



In this window you can:

- Choose the debug Level
- Set the hours (time to activate the log from “now”)
- Create/delete a debug level
- Insert the user IDs (single or multiple ids)
- View the user information (Name, Id)
- Enable the logs for the selected user/s
- Change the selected environment
- Delete all the log files of the environment



How to use

If you want to add a new debug level, by clicking on **New Debug Level** button ([10](#)):

Configure new debug level

(*) = Required field

* DeveloperName

* ApexCode : NONE ▼

* ApexProfiling : NONE ▼

* Callout : NONE ▼

* Database : NONE ▼

* System : NONE ▼

* Validation : NONE ▼

* Visualforce : NONE ▼

* Workflow : NONE ▼

Save

In this window you must insert all the information in the appropriate fields.

All the fields are required and the if all the options are equals to “NONE” an error will appear.

The possible options for the debug are:

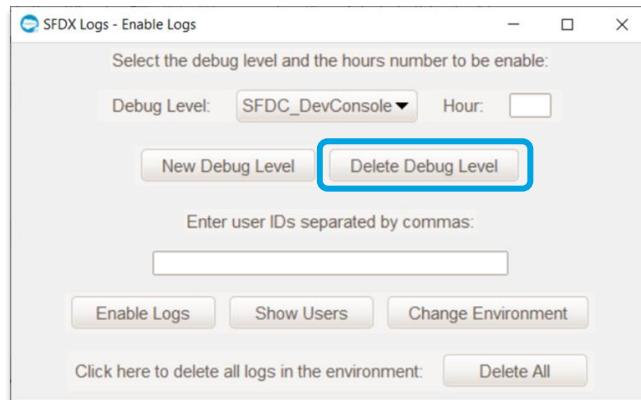
- NONE
- ERROR
- WARN
- INFO
- DEBUG
- FINE
- FINER
- FINEST

Once all the fields are filled correctly, click on **Save** button to commit the changes and a message will appear with result info.

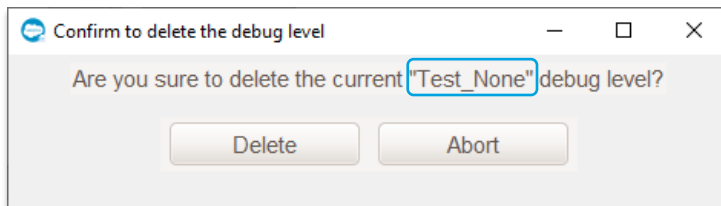


How to use

If you want to delete an existing debug level, by clicking on **Delete Debug Level** button ([10](#)):



In the window below it's possible to notice that the [selected](#) debug level in the main window is the debug level chosen to be deleted.



By clicking on the Delete button, the debug level will be deleted from Salesforce, otherwise, by clicking on the Abort button, the window will be closed without changes.



How to use

To view all the user active and copy the IDs, by clicking on the **Show Users** button, will appear this window:

USERNAME	ID
Admin	00509000008
Assist Digital	0057Y000008
Athanasios	0057Y000007
Automated	00509000008
Chat Setup	0057Y000007
Contact	0057Y000007
Dimitrios	0057Y000009
External	0057Y000007
External	0057Y000007
Fabio	00509000008
Federica	0057Y000007
FIM	0057Y000007
FIM	0057Y000008
Francesca	0057Y000006
Francesca	0057Y000007
Gianmarco	0057Y000007
Giovanna	0057Y000006
Integration	0057Y000007
Irene	00509000008
Manuele	0057Y000007
Marco	0057Y000007
Marco	0057Y000006
Marina	0057Y000007
Mario	0057Y000007

In this window you can:

- View all the active users of the selected environment
- Copy the user ids to paste in the previous window ([10](#))

SFDX Logs - Enable Logs

Select the debug level and the hours number to be enable:

Debug Level: Hour:

Enter user IDs separated by commas:

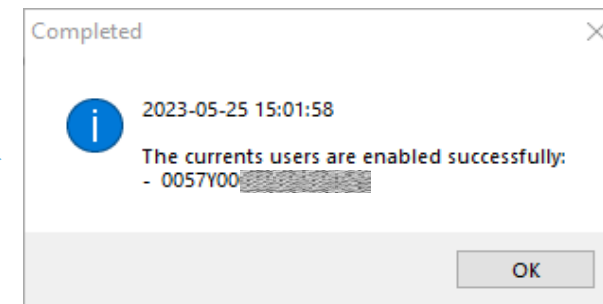
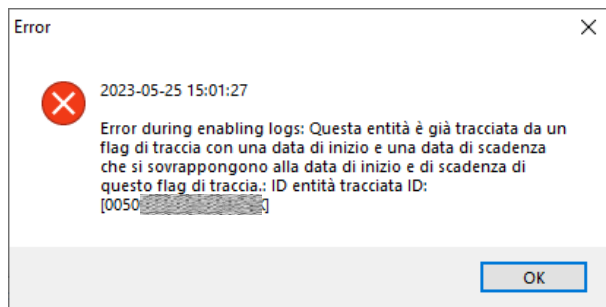
Click here to delete all logs in the environment:



How to use

Once you pasted the user id/s in the correct section, separated by commas (,) you're able to enable the logs:

A new window will appear depending on the request result





How to use

To delete all the log files stored into Salesforce org, click on the **Delete All** button and a message (correct or wrong) will appear:

SFDX Logs - Enable Logs

Select the debug level and the hours number to be enable:

Debug Level: SFDC_DevConsole Hour:

New Debug Level Delete Debug Level

Enter user IDs separated by commas:

Enable Logs Show Users Change Environment

Click here to delete all logs in the environment: Delete All



Future implementations

Naturally, this application is not complete, and it is possible to enhance it by adding new functionalities.

As future implementations, it's possible to:

- Create a new window to **view** and **downloads** all the logs





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Thank you!